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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Manus P. HENRY et al. Art Unit : 2863
Serial No. : 09/815,275 Examiner : Unknown
Filed : March 23, 2001
Title : PROCESS MONITORING AND CONTROL USING SELF-VALIDATING SENSORS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

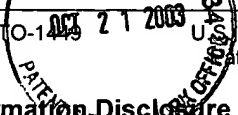
This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: October 21, 2003

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 02052-104001	Application No. 09/815,275
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Manus P. HENRY et al.	
(37 CFR §1.98(b))		Filing Date March 23, 2001	Group Art Unit

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,926,364	05/15/1990	Brotherton			
	AB	5,570,300	10/29/1996	Henry et al.			
	AC	5,680,409	10/21/1997	Qin et al.			
	AD	5,774,378	06/1998	Yang			
	AE	5,850,625	12/05/1998	Maren et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	/ AF	WO 93/21505	28 OCT 1993	PCT				
	/ AG	EP 0827096	04 MAR 1998	EUROPE				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
/	AH	Atia et al., "Self-Validating Temperature Sensor Implemented in FPGAs", Oxford University Dept. of Engineering Science, 1995, pp. 321-330.
/	AI	Henry et al., "The Self-Validating Sensor: Rationale, Definitions and Examples", Dept. of Engineering Science, Univ. of Oxford, Vol. 1, No. 4, 1993, pp. 585-610.
/	AJ	J. C.-Y. Yang et al., "Control using self-validating sensors", Department of Engineering Science, Univ. of Oxford, Vol. 18, No. 1, 1996, pp. 15-23.
/	AK	Kresta et al., "Multivariate Statistical Monitoring of Process Operating Performance", Chemical Engineering Dept., McMaster Univ. Ontario, Vol. 69, Feb. 1991, pp. 35-47.
/	AL	MacGregor et al., "Statistical Process Control of Multivariate Processes", Chemical Engineering Dept., McMaster Advanced Control Consortium, McMaster Univ. Vol. 3, No. 3, 1995, pp. 403-414.
/	AM	MacGregor J. F. et al., 1991, Multivariate Statistical Methods in Process Analysis and Control. AIChE Symposium Proceedings of the Fourth International Conference on Chemical Process Control, AIChE Pub. No. P-67, New York, pp. 79-99.
/	AN	McFarlane R.C. et al., "Dynamic Simulator for a Model IV Fluid Catalytic Cracking Unit, American Institute of Chemical Engineering, Chicago, IL, 14 Nov. 1990, pp. 1-79.
/	AO	Moffat R.J., 1982, Contributions to the theory of single sample uncertainty analysis. ASME Journal of Fluids Engineering, Vol. 104, June 1982, pp. 250-260.
/	AP	Morud T.E., 1996, Multivariate Statistical Process Control; Example from the Chemical Process Industry, Journal of Chemometrics, Vol. 10, Nos. 5 & 6, pp. 669-675.
D	AQ	Qin et al., "Self-Validating Inferential Sensor for Emission Monitoring", Dept. of Chemical Engineering, Univ. of Texas, June 1997, pp. 473-477.
/	AR	Yang J.C.-Y; 1994, "Self-validating Sensors", Dr. of Phil. Thesis, Department of Engineering Science, Univ. of Oxford.

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)